

Converting Colors

YIQ(107.2080, -49.4750,
21.0930)

Have a look what the booklet for
YIQ(107.2080, -49.4750, 21.0930)
contains.

YIQ(107.2080, -49.4750, 21.0930)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(107.2080, -49.4750,
21.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	496BC6
RGB	73, 107, 198
RGB Percent	29%, 42%, 78%
CMY	0.7137, 0.5803, 0.2238
CMYK	0.63, 0.46, 0.00, 0.22
HSL	224°, 52%, 53%
HSV	224°, 63%, 78%
XYZ	18.1916, 16.0087, 55.5161
YIQ	107.2080, -49.4750, 21.0930

Conversions

Conversions Part 2

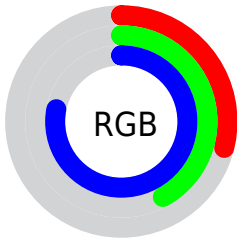
Format	Color
R _Y B	73, 100, 198
Decimal	4811718
CIE Lab	46.99, 16.66, -51.18
CIE LCh	47, 53.823, 288.026
Yxy	16.0087, 0.2028, 0.1784
Android (android.graphics.Color)	4283001798 (0xFF496BC6)
YUV	107.2080, 44.7605, -30.0004
Hunter-Lab	40.0109, 11.1388, -54.2587

Details

The YIQ color **107.2080, -49.4750, 21.0930** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **163.7920, 49.4750, -21.0930**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.2840, -46.6330, 24.6550**, and **51.5220, -62.4030, 13.0930** is the 20% darker color. If you saturate the color by 10%, you get **93.0100, -57.5450, 24.1750**, and if you desaturate by 10%, it is **121.4060, -41.4050, 18.0110**.

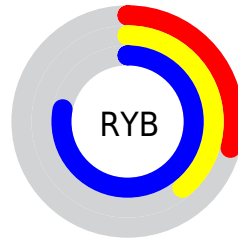
Distribution



Red (29%)

Green (42%)

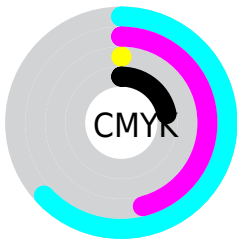
Blue (78%)



Red (29%)

Yellow (39%)

Blue (78%)

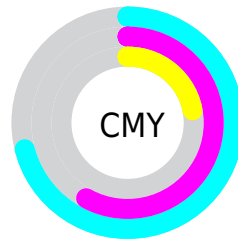


Cyan (63%)

Magenta (46%)

Yellow (0%)

Black (22%)



Cyan (71%)

Magenta (58%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.2080, -49.4750, 21.0930 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 107.2080, -49.4750, 21.0930 by changing the saturation by 10% instead.

■ 107.2080,
-49.4750, 21.0930

■ 107.2080,
-49.4750, 21.0930

■ 255.0000, -0.0000,
-0.0000

■ 79.4630, -54.7470,
17.5170

■ 161.2840,
-46.6330, 24.6550

■ 51.5220, -62.4030,
13.0930

■ 185.8040,
-36.7740, 16.6820

■ 36.2310, -48.2820,
15.9900

■ 210.6230,
-26.3190, 8.9210

■ 22.8150, -35.3070,
17.6290

■ 236.3170,
-17.0100, -0.0980

■ 10.6870, -23.2030,
18.5330

■ 253.5050, -2.9800,
-1.0600

■ 6.8910, -15.2700,
12.4260

■ 3.2090, -7.6580,

6.6300

■ 0.0000, 0.0000,
0.0000

■ 107.2080,
-49.4750, 21.0930

■ 107.2080,
-49.4750, 21.0930

■ 93.0100, -57.5450,
24.1750

■ 121.4060,
-41.4050, 18.0110

■ 78.2250, -65.3400,
27.7800

■ 136.1910,
-33.6100, 14.4060

■ 64.3260, -72.8140,
31.0740

■ 150.0900,
-26.1360, 11.1120

■ 54.2700, -78.4080,
33.3360

■ 164.8750,
-18.3410, 7.5070

■ 179.0730,
-10.2710, 4.4250

■ 193.2710, -2.2010,
1.3430

■ 208.0560, 5.5940,
-2.2620

■ 221.9550, 13.0680,
-5.5560

■ 236.7400, 20.8630,
-9.1610

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.4140, -97.7500, -1.6060



107.2080, -49.4750, 21.0930



114.6300, 8.4750, 39.1550

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



107.2080, -49.4750, 21.0930



107.9590, 69.1390, 8.0110



87.2710, -65.2360, -40.2120

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



107.2080, -49.4750, 21.0930



163.7920, 49.4750, -21.0930

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.0420, -19.2950, -41.3030



107.2080, -49.4750, 21.0930



105.8100, 58.2320, -20.1040

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



107.2080, -49.4750, 21.0930



107.1280, 68.1260, 31.8860



101.5410, 30.5880, -36.7400



93.2160, -80.5980, -26.1180

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



107.2080, -49.4750, 21.0930



112.4070, 37.0840, 43.8040



101.5410, 30.5880, -36.7400



84.9740, -60.1460, -44.3540

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



107.2080, -49.4750, 21.0930



220.1030, -18.9830, 8.1290



156.6350, -63.2650, -37.3850



106.1160, -11.8300, 5.1460



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



107.2080, -49.4750, 21.0930



114.2270, -76.8490, 32.6150



95.3230, -24.0330, 44.5990



92.2000, -3.4390, 1.7530



44.4100, -64.4230, 27.6810



9.9740, -14.3060, 5.9660

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



114.2510, 63.5860, 37.0740



125.0480, 98.6110, 57.6110



175.6770, 24.0330, -44.5990



92.9190, 4.7220, 2.5300



53.7530, 83.0240, 48.2400



11.9040, 18.2460, 10.7420

Previews

White Background



This preview shows how the YIQ color 107.2080, -49.4750, 21.0930 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 107.2080, -49.4750, 21.0930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 107.2080, -49.4750, 21.0930

Background



This preview shows how black text looks on a background with the YIQ color 107.2080, -49.4750, 21.0930.



This preview shows how white text looks on a background with the YIQ color 107.2080, -49.4750,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

107.2080, -49.4750, 21.0930

Protanopia

106.1150, -53.6470, 19.6090

Deuteranopia

98.6560, -74.6440, 9.1640



Tritanopia

97.7250, -53.8700, -14.9100

Trichromacy



Original Color

107.2080, -49.4750, 21.0930

Protanomaly

106.7130, -52.4550, 20.0330

Deuteranomaly

101.9670, -65.1540, 13.3900

Tritanomaly

101.4130, -52.4510, -2.0750

Monochromacy



Original Color

107.2080, -49.4750, 21.0930

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.1740, -17.7450, 7.7190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.2080, -49.4750, 21.0930 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(73, 107, 198)` looks like.

```
.text, #text, p{  
    color:rgb(73, 107, 198)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(73, 107, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 107, 198) }
```

Border

The CSS property to change the border of an element to YIQ 107.2080, -49.4750, 21.0930 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(73, 107, 198) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(73, 107, 198) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(73, 107, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 107, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 107, 198);  
box-shadow:4px 4px 4px 4px rgb(73, 107,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 107.2080, -49.4750, 21.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 107, 198) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(73, 107,  
198) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor